

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                                      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 778  | (5/621,623,646,647).CCLS.   | USPAT; USOCR                             | OR               | OFF     | 2010/11/04 16:25 |
| L2    | 1251 | (128/870,873,874,875,877,878).CCLS.   | USPAT; USOCR                             | OR               | OFF     | 2010/11/04 16:25 |
| L3    | 1957 | L1 L2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR               | ON      | 2010/11/04 16:25 |
| S1    | 15   | ((("5845643") or ("5785057") or ("5069203") or ("4945925") or ("4941480") or ("4941479") or ("4736477") or ("4730801") or ("4662366") or ("4401113") or ("4286588") or ("3896799") or ("3295519") or ("3059636") or ("2237252")).PN.                            | USPAT; USOCR                             | OR               | OFF     | 2005/07/25 16:23 |
| S2    | 18   | hazelwood-\$.in.  | USPAT                                    | OR               | OFF     | 2004/08/12 18:24 |
| S3    | 0    | "19640415".pd.  | USPAT                                    | OR               | OFF     | 2004/08/12 18:25 |
| S4    | 0    | "19640415".pd.  | USOCR                                    | OR               | OFF     | 2004/08/12 18:26 |
| S5    | 0    | "19640415".isd.   | USOCR                                    | OR               | OFF     | 2004/08/12 18:26 |
| S6    | 0    | "19640415".isd.   | USPAT                                    | OR               | OFF     | 2004/08/12 18:27 |
| S7    | 18   | hazlewood-\$.in.  | USPAT                                    | OR               | OFF     | 2004/08/12 18:33 |
| S8    | 21   | ("2679842"   "3657741"   "3785371"   "4465064"   "4476857"   "4982745"   "5027799"   "5291903"   "5307521"   "5335888"   "5344406"   "5362306"   "5368550"   "5372145"   "5376066"   "5395302"   "5397296"   "5405312"   "5419756"   "5472000"   "5546963").PN. | USPAT                                    | OR               | OFF     | 2004/08/13 17:21 |
| S9    | 3    | "5785057".URPN.   | USPAT                                    | OR               | OFF     | 2004/08/13 17:24 |
| S10   | 8    | ("2306715"   "3554194"   "3861666"   "3888244"   "4045678"   "4265232"   "4515155"   "4531942").PN.   | USPAT                                    | OR               | OFF     | 2004/08/13 17:26 |
| S11   | 12   | "4531942".URPN.   | USPAT                                    | OR               | OFF     | 2004/08/13 17:28 |
| S12   | 15   | "4662366".URPN.   | USPAT                                    | OR               | OFF     | 2004/08/13 17:28 |
| S13   | 15   | "4662366".URPN.   | USPAT                                    | OR               | OFF     | 2004/08/13 17:35 |
| S14   | 15   | "4662366".URPN.   | USPAT                                    | OR               | OFF     | 2004/08/13 17:36 |
| S15   | 8    | ("2695018"   "2697436"   "2947306"   "3295518"   "3496934"   "3511232"   "3521625"   "3556092").PN.   | USPAT                                    | OR               | OFF     | 2004/08/13 17:37 |

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| S16 | 10 | "3896799".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:37 |
| S17 | 4  | ("1366121"   "1827241"   "3582123"  <br>"3467077").PN.  | USPAT | OR | OFF | 2004/08/13<br>17:39 |
| S18 | 19 | "3654931".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:39 |
| S19 | 10 | ("2605152"   "2972505"   "3815588"  <br>"4043330"   "4286588"   "4698837"  <br>"5154186"   "5515869"   "5522100"  <br>"5742962").PN.  | USPAT | OR | OFF | 2004/08/13<br>17:41 |
| S20 | 0  | "6154902".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:41 |
| S21 | 10 | ("0473200"   "0541863"   "0988923"  <br>"1516795"   "2614558"   "3046072"  <br>"3614085"   "3678926"   "5375276"  <br>"5485856").PN.  | USPAT | OR | OFF | 2004/08/13<br>17:41 |
| S22 | 6  | "5864902".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:44 |
| S23 | 14 | ("D177472"   "D308786"   "2940087"  <br>"3139631"   "3195953"   "3226159"  <br>"3512605"   "3606885"   "4154478"  <br>"4392489"   "4433678"   "4579111"  <br>"4698837"   "5090044").PN.   | USPAT | OR | OFF | 2004/08/13<br>17:45 |
| S24 | 9  | "5467782".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:47 |
| S25 | 26 | ("D191447"   "0247892"   "D284151"  <br>"D312186"   "D319751"   "D321562"  <br>"2563700"   "4031578"   "4550459"  <br>"4584730"   "4736477"   "4803743"  <br>"4893367"   "4914763"   "4941480"  <br>"4969222"   "5085214"   "5086529"  <br>"5088141"   "5113875"   "5117522"  <br>"5168590"   "5173979"   "5214814"  <br>"5216771"   "5245719").PN. | USPAT | OR | OFF | 2004/08/13<br>17:48 |
| S26 | 19 | "5418991".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:49 |
| S27 | 14 | ("1708758"   "2335290"   "2450298"  <br>"3198197"   "3476108"   "3581740"  <br>"3724456"   "3776225"   "3788307"  <br>"4127120"   "4254766"   "4370976"  <br>"4674110"   "4698850").PN.   | USPAT | OR | OFF | 2004/08/13<br>17:51 |
| S28 | 7  | "5121743".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:52 |
| S29 | 4  | ("3215834"   "3358141"   "3873841"  <br>"4027869").PN.  | USPAT | OR | OFF | 2004/08/13<br>17:53 |
| S30 | 12 | "4067565".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:53 |
| S31 | 8  | ("3182338"   "3315671"   "3358141"  <br>"3526222"   "3606885"   "3650523"  <br>"3724453"   "3729752").PN.   | USPAT | OR | OFF | 2004/08/13<br>17:56 |
| S32 | 23 | "3933154".URPN.   | USPAT | OR | OFF | 2004/08/13<br>17:58 |
| S33 | 23 | "3933154".URPN.   | USPAT | OR | OFF | 2004/08/13<br>18:00 |
| S34 | 3  | ("3535719"   "3671983"   "3700229").PN.   | USPAT | OR | OFF | 2004/08/13<br>18:00 |

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| S35 | 7    | "3861666".URPN.  | USPAT                                    | OR | OFF | 2004/08/13<br>18:01 |
| S36 | 11   | ("2743974"   "3358141"   "0477728"  <br>"2266231"   "2639206"   "2867483"  <br>"3325084"   "3532571"   "2332831"  <br>"3003243"   "3609357").PN.   | USPAT                                    | OR | OFF | 2004/08/13<br>18:02 |
| S37 | 8    | "3700229".URPN.  | USPAT                                    | OR | OFF | 2004/08/13<br>18:03 |
| S38 | 4    | "2995407".URPN.  | USPAT                                    | OR | OFF | 2004/08/13<br>18:03 |
| S39 | 23   | ("0826648"   "0853025"   "0973330"  <br>"1227700"   "1561400"   "2043153"  <br>"2237252"   "3176683"   "3182657"  <br>"3415244"   "3476108"   "3774242"  <br>"3818905"   "4628911"   "4671267"  <br>"4887616"   "4982744"   "5031641"  <br>"5069203"   "5140998"   "5160314"  <br>"5205812"   "5230351").PN. | USPAT                                    | OR | OFF | 2004/08/13<br>18:05 |
| S40 | 1    | "5546963".URPN.  | USPAT                                    | OR | OFF | 2004/08/13<br>18:06 |
| S41 | 10   | ("0794457"   "1219453"   "2084305"  <br>"2245293"   "3817245"   "3884225"  <br>"3889668"   "4662366"   "4858625"  <br>"4911179").PN.   | USPAT                                    | OR | OFF | 2004/08/13<br>18:06 |
| S42 | 20   | "3315671".URPN.  | USPAT                                    | OR | OFF | 2004/08/13<br>18:11 |
| S43 | 5    | ("1063423"   "1334901"   "2295806"  <br>"3098479"   "3817245").PN.   | USPAT                                    | OR | OFF | 2004/08/13<br>18:15 |
| S44 | 23   | "3884225".URPN.  | USPAT                                    | OR | OFF | 2004/08/13<br>18:16 |
| S45 | 867  | (128/870,873,874,875,877,878).CCLS.  | USPAT; USOCR                             | OR | OFF | 2004/08/13<br>18:41 |
| S46 | 483  | (5/621,623,646,647).CCLS.  | USPAT; USOCR                             | OR | OFF | 2004/08/13<br>18:41 |
| S47 | 811  | ((128/870,873,874,875,877,878).CCLS.) not<br>((5/621,623,646,647).CCLS.)   | USPAT                                    | OR | OFF | 2004/08/13<br>18:42 |
| S48 | 10   | ("0794457"   "1219453"   "2084305"  <br>"2245293"   "3817245"   "3884225"  <br>"3889668"   "4662366"   "4858625"  <br>"4911179").PN.   | USPAT                                    | OR | OFF | 2004/08/13<br>18:54 |
| S49 | 4    | "5549121".URPN.  | USPAT                                    | OR | OFF | 2004/08/13<br>18:54 |
| S50 | 1    | ("5549121").PN.  | USPAT; USOCR                             | OR | OFF | 2004/08/17<br>11:54 |
| S51 | 669  | (5/621,623,646,647).CCLS.  | USPAT; USOCR                             | OR | OFF | 2005/07/25<br>16:43 |
| S52 | 1119 | (128/870,873,874,875,877,878).CCLS.  | USPAT; USOCR                             | OR | OFF | 2004/11/29<br>13:22 |
| S53 | 1721 | S51 or S52   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2004/11/29<br>13:22 |
| S54 | 3    | ((("3884225") or ("5549121") or ("4662366"))).<br>PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2005/07/25<br>13:09 |

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|-----|------|--|--|----|-----|---------------------|
| S55 | 18   | ("0794457"   "1219453"   "2084305"   "2245293"   "3817245"   "3884225"   "3889668"   "4662366"   "4858625"   "4911179").PN. OR ("5549121").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2005/07/25<br>15:05 |
| S56 | 7    | ("2245293").URPN.  | USPAT                                    | OR | ON  | 2005/07/25<br>15:08 |
| S57 | 5    | ((("2245293") or ("3884225") or ("4662366") or ("5549121"))).PN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2005/07/25<br>16:24 |
| S58 | 1    | S57 and radioluc\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2005/07/25<br>16:24 |
| S59 | 681  | (5/621,623,646,647).CCLS.  | USPAT; USOCR                             | OR | OFF | 2005/07/25<br>16:43 |
| S60 | 1146 | (128/870,873,874,875,877,878).CCLS.  | USPAT; USOCR                             | OR | OFF | 2005/07/25<br>16:44 |
| S61 | 1758 | S59 or S60   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2005/07/25<br>16:44 |
| S62 | 1162 | (128/870,873,874,875,877,878).CCLS.  | USPAT; USOCR                             | OR | OFF | 2005/12/01<br>22:05 |
| S63 | 694  | (5/621,623,646,647).CCLS.  | USPAT; USOCR                             | OR | OFF | 2005/12/01<br>22:05 |
| S64 | 1787 | S62 or S63   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2005/12/01<br>22:05 |
| S65 | 2    | ("2245293").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2006/07/19<br>14:23 |
| S66 | 1    | ("20050091749").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2010/04/11<br>21:31 |
| S67 | 1    | S66 and easily   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2010/04/11<br>21:31 |
| S68 | 766  | (5/621,623,646,647).CCLS.  | USPAT; USOCR                             | OR | OFF | 2010/04/11<br>21:38 |
| S69 | 1236 | (128/870,873,874,875,877,878).CCLS.  | USPAT; USOCR                             | OR | OFF | 2010/04/11<br>21:38 |
| S70 | 1512 | S68 or S69   | US-PGPUB;<br>USPAT                       | OR | ON  | 2010/04/11<br>21:39 |
| S71 | 3    | (US-4662366-\$ or US-3884225-\$ or US-2245293-\$).did.   | USPAT                                    | OR | ON  | 2010/04/11<br>23:09 |
| S72 | 109  | radiolucent and foam and S70/\$.ccls.  | USPAT                                    | OR | ON  | 2010/04/11<br>23:14 |
| S73 | 25   | ("2751268"   "3358141"   "3933154").PN. OR ("4030719").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2010/04/11<br>23:21 |
| S74 | 73   | ("1063423"   "1334901"   "2295806"   "2306715"   "3098479"   "3554194"   "3817245"   "3861666"   "3888244"   "4045678"   "4265232"   "4515155"   "4531942").PN. OR ("2245293"   "3884225"   "4662366").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2010/04/11<br>23:26 |

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| S75 | 20  | ("0794457"   "1219453"   "2084305"   "2245293"   "3817245"   "3884225"   "3889668"   "4662366"   "4858625"   "4911179").PN. OR ("5549121").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/04/11<br>23:28 |
| S76 | 4   | (US-3884225-\$ or US-4030719-\$ or US-4662366-\$ or US-5549121-\$).did.  | USPAT                     | OR | ON  | 2010/04/11<br>23:36 |
| S77 | 3   | radiolucent and neoprene and S70/\$.ccls.  | USPAT                     | OR | ON  | 2010/04/11<br>23:45 |
| S78 | 109 | radiolucent and foam and S70/\$.ccls.  | USPAT                     | OR | ON  | 2010/04/11<br>23:46 |
| S79 | 1   | ("20050091749").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/04/12<br>06:12 |

### EAST Search History (Interference)

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11/ 4/ 10 4:30:38 PM

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